UNIQUE IDENTIFICATION (UID)

GFP Industry Group Meeting
October 6-7, 2004

Action Items from last meeting

- Determine status of ordnance white paper — James
- Identify the data elements required and other issues for items at disposal — Tom R.
- Solicit industry opinion on NSN issues — Pat S. (AIA)
- Develop VLIN white paper — LeAntha
- Examine DLIS mapping for NSN to UID capability — Bruce, Pam, Max
- Update data elements list and distribute — John M.
- Develop scenarios around kits — Pat J., Rich C.
- Determine process for industry to notify government that a UID is retired — Max
- Develop definitions for status categories; vet against other definitions — Pam, Max, Judy
- Follow up with DCMA (Marge Cunningham) regarding PCARSS — Eric S.
- Share the full data structure for registry — Pam R.
- Incorporate GFP field into DFARS final rule as a reporting indicator — Lou G., Tom R.

UID GFP Industry Group

Discussion Topics/Updates

- NPMA meeting in July (Sparks, NV)
- VLIN White Paper
- Retired UID white paper
- NSN/Cataloging discussions

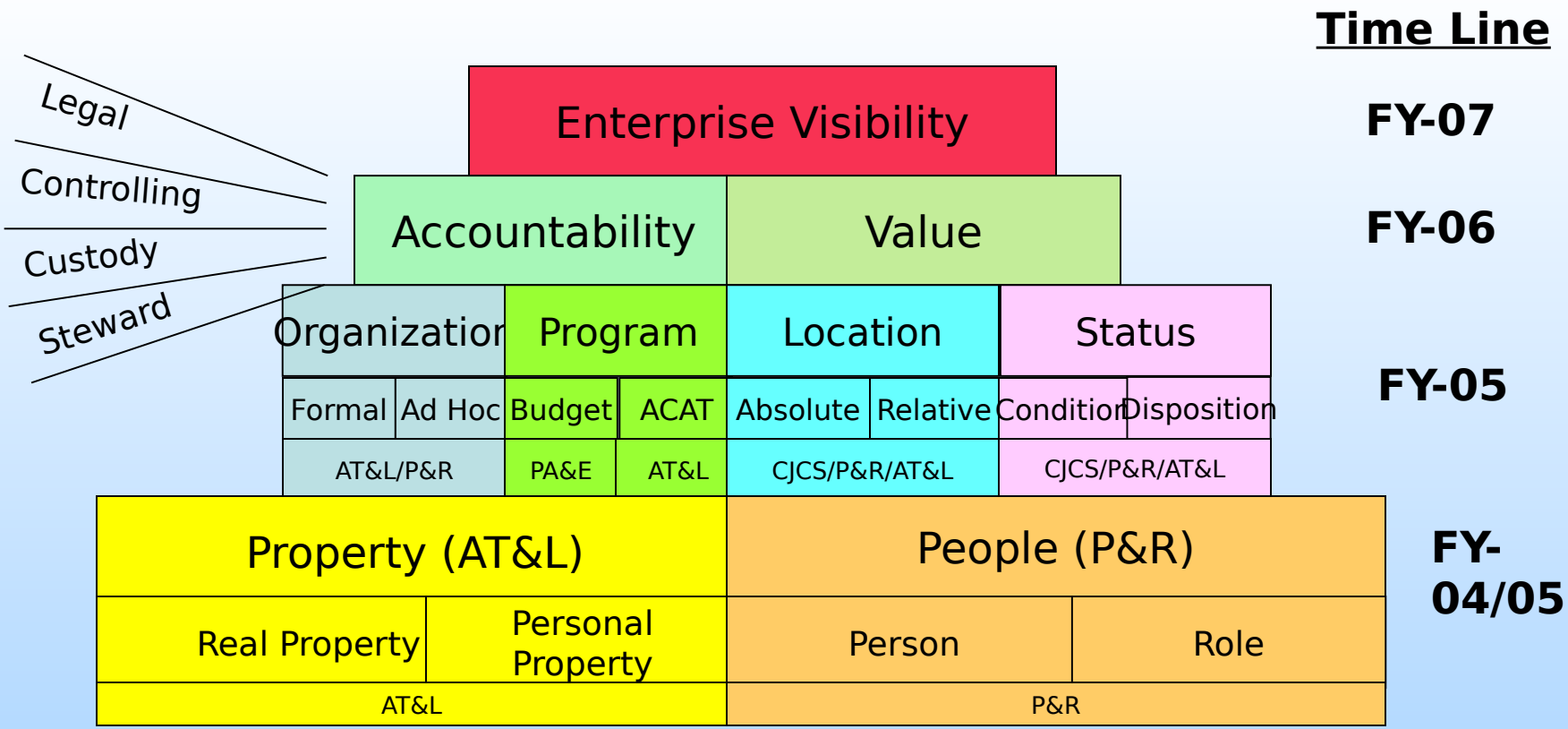
Current UID Policy and Implementation Developments

(LeAntha Sumpter and Lydia Dawson)

USD (AT&L) Objectives and Goals Update

- Integrate the various UID efforts working with the Joint Staff, Personnel and Readiness, PA&E, CIO and NII, Comptroller, Logistics, I&E and Acquisition Domains
- Develop a master plan and timeline integrating UID for Real Property, Personal Property, and RFID
- Develop strategy for managing GFP
- Develop a legacy UID policy and integrate the depot maintenance action plan

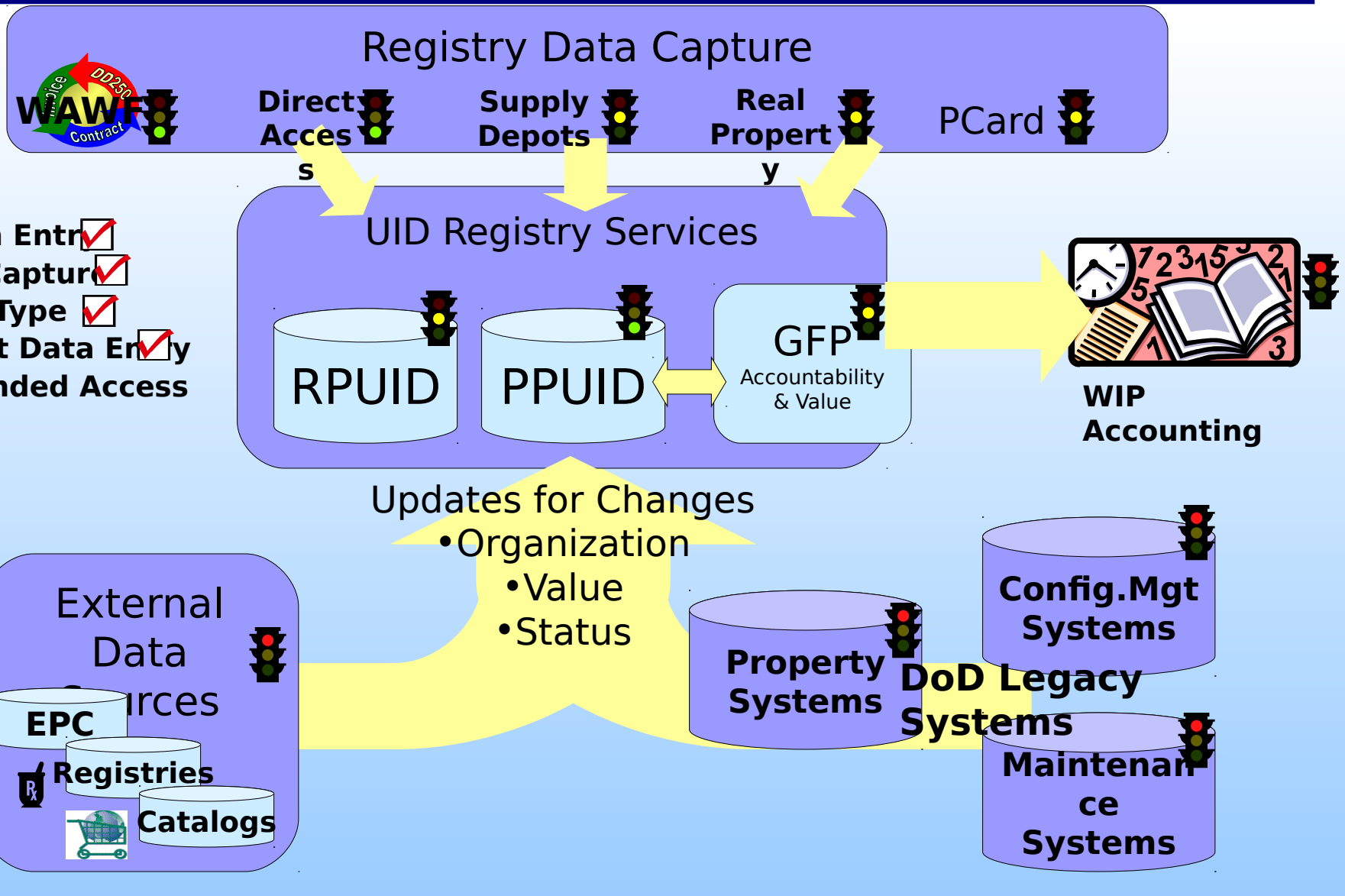
Data Roadmap



What we have learned about Property

- Cannot get clean audit or asset visibility without standardizing data and processes
- DoD has countless property management systems ranging from paper to automated systems, spanning accountability, maintenance, disposal, inventory, and distribution
- Currently personal property handoffs occur inconsistently (probably at least 75 different processes)
- Target three receipt and acceptance approaches – Will take five years to re-engineer all; deployment undetermined
  - ✓ Step one – DoD and Business Partners (Include GFP Registry)
  - ✓ Step two – Internal DoD
  - ✓ Step three – External Federal and Foreign
  - ✓ Step four – Real Property
- Re-engineering effort should be directed by AT&L for property

Property UID Systems Environment “To Be”



Reengineering Property Transfers

	Acceptance Point	Phase I Present-May 05	Phase II Oct 04-Jan 06	Phase III Oct 05-Sep 07	Phase IV Oct 06-Sep 08
External – Internal acceptance	Source and Destination	Dependent on completion of WAWF deployment			
External – Internal receipt and acceptance	Destination	Dependent on DSS-WAWF Integration			
Internal – External receipt and acceptance	Destination		GFP capture at WAWF or contractor		
Internal – Internal receipt	Destination			Integration w/Property Records	
Internal – Internal acceptance	Source and Destination				Captures & reconciles accountability transfer
External – Internal acceptance (Real Property)	On site				Integrating acquisition & real property records

UID Plan for Government Furnished Property
Guidance to Government – Policy then DFARS

- All solicitations issued after Jan 06 must use UID business rules
- All GFP sent after January 2006 must have UID unless DCMA verifies in GFP registry that the contractor has an approved UID corporate or facility implementation plan

AT&L issuance of GFP Policy – October 04

UID Plan for Government Furnished Property

Guidance to Contractors - DFARS

2005

- No 1662 report required for Sept 05 if all existing property in GFP registry by July 05 using virtual UIDs

Jan 06

- All GFP property recorded in GFP registry*
- DCMA updates existing contractor T&Cs using block changes

Jan 07

- CAC/PKI target date for GFP functionality
- Add Real Property capability

*Password enabled

Final UID DFARS Rule with Proposed Changes

- **Requirement Clarifications**
  - Items under $5K:
    - Equipment and reparable items when they are serially managed, mission essential, or controlled inventory
    - Material and consumable items when the requiring activity determines that permanent identification is required
  - General requirement for commonly accepted commercial marks if UID not required - deleted
  - Definitions added for Issuing Agency and Lot or Batch number
  - Embedded items;
    - Any serially managed subassembly component, or part
- **Exceptions Added**
  - Contingency operations
  - Items acquired from a small business or under FAR Part 12 for commercial items, when –
    - More cost effective for the Government to assign, mark, and register the UID after delivery, and
    - HCA approves D&F (CAE for – ACAT I)

GSA – DoD UID Campaign

- **New contracts should consider the UID requirement at award – set a new bar**
- **Establish UID training for GSA Associates who will perform "Get it Right" reviews**
- **Restructure the presentation of the policy, standards and UID documentation**
  - UID website redesign
  - Continue the outreach and communication strategy
- **Highlight the positive aspects of UID to vendors and customers**
  - Options available in final DFARS rule
  - Enhances levels of visibility and accountability, enterprise efficiencies
  - Strengthen customer relationships through superior maintenance offerings resulting in increased customer satisfaction, i.e., better partnerships'
- **Opportunities for GSA and vendors**
  - Establish a marking schedule for UID labels and plates
  - Establish a UID training schedule

UID Training Campaign

- DAU/NDIA Sponsored Events
  - Oct 22, Defense Supply Center Philadelphia General and Industrial Supplier Expo – King of Prussia, PA
  - Dec 17, USSOCOM Conference and Exhibit – Tampa, FL
- NCMA Midwest Conference – Oct 28, University of Minnesota
- DoD Small Business Training Conference – Oct 26-28, Temecula, CA

Next Steps

- **September 04**
  - ✓ USD (AT&L) issue legacy policy forecast
  - ✓ Refine plan to re-engineer receipt and acceptance
  - – Develop plan to resource data strategy
- **October 04**
  - – USD (AT&L) approve plan to resource data strategy (MID structure)
  - – Refine master plan, timeline and resources to integrate UID for Real Property, Personal Property, and RFID
  - – USD (AT&L) issue GFP UID policy
  - – Staff revised directive on unique identity
- **November 04**
  - – USD (AT&L) issue task to re-engineer receipt and accountability
  - – USD (AT&L) strategy summit with SAEs and DCMA
- **December 04**
  - – Issue Real Property UID Guidance
  - – USD (AT&L) Legacy policy issuance

Government Furnished Property Overview

GFP Policy Priorities

- All GFP in the hands of contractors is serialized with a UID, either virtual or physical, no later than January 1, 2006.
- DCMA and the Components modify terms and conditions in contracts using block changes using as facilities become UID capable.
- All solicitations issued after January 2006 contain UID provisions applied to prospective GFP
- Enhancement to applications should accommodate the business rules related to GFP UID items.

GFP Policy Questions – Virtual UIDs

- Virtual UID Business Rules/Process is key
- Should virtual UID's be the permanent UID?
  - Yes
- Should we allow a two step process (eventual UID would be different than the virtual)?
  - No
- Should virtual UID's be limited to construct #1? If not, why not?
  - No, virtual UIDs shoculd not be limited to Construct #1

GFP IUID Strategies - Review

- ✓Stationary GFP in Use (IPE/OPE/ST/STE). Mark when reentering inventory. Contractor establish virtual Unique Item Identifiers (UIIs), using Construct #1. Business rules 32-36 apply.
- ✓GFP in Storage. Mark when placed in use. Contractor establish virtual UIIs, using Construct #1. Business rules 32-36 apply.
- ✓GFE Moving in and out of Plant. Entity that initiates movement marks items upon movement. Business rule 33 applies.
- ✓GFP Initially Furnished to Contractor. DoD will mark these items before that are furnished. Business rule 37 applies.
- ✓GFP in GOCOs. Mark or assign virtual as specified in operating contract.

GFP IUID Policy Issues

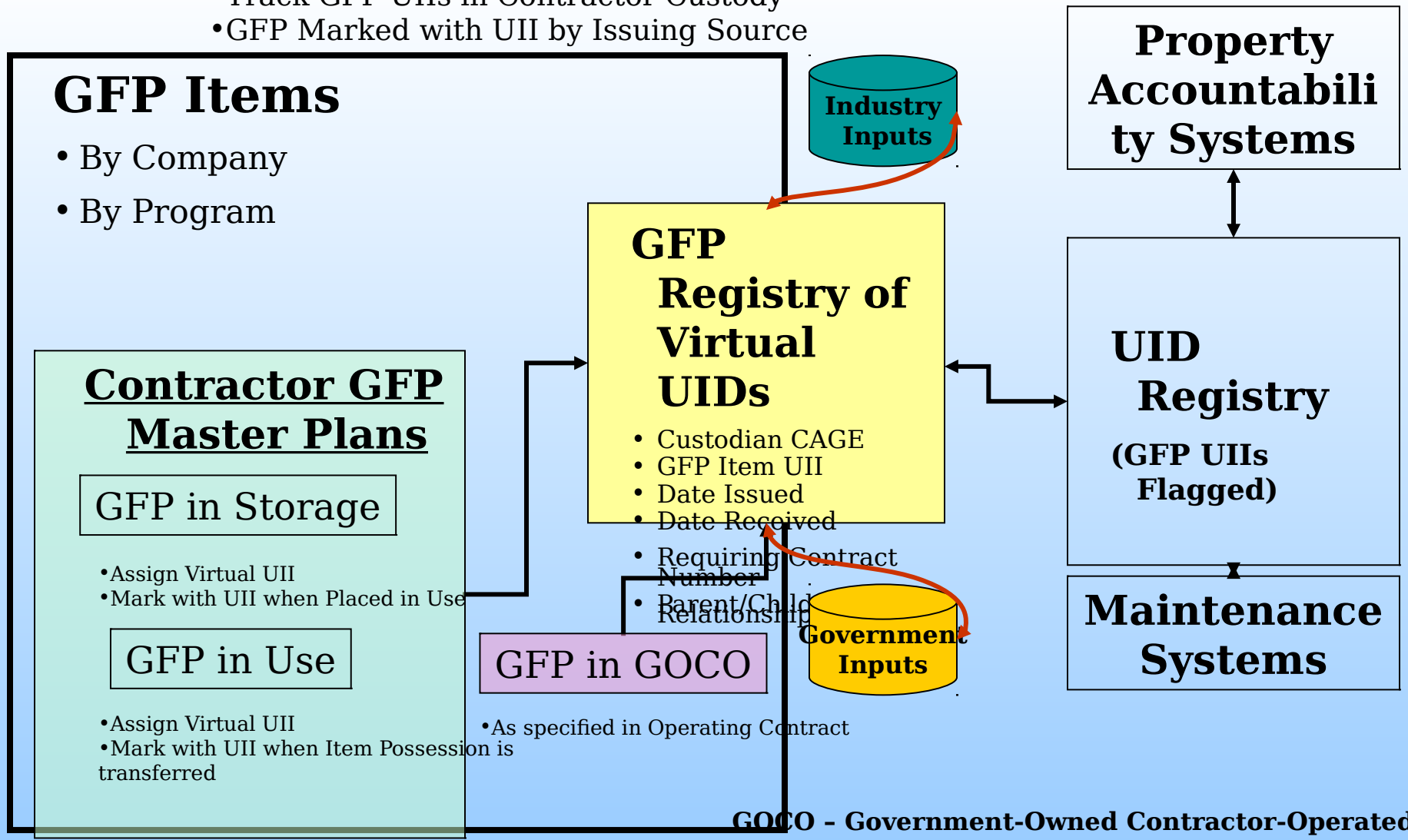
- ✓Do we need 5 categories of property distinction for UID?
- ✓Should inactive GFP be tracked that way? Do we do this today? Would there be added value?
- ✓If so, would 3 categories suffice with a flag for inactivity?
  - ✓Real
  - ✓Material and Spares
  - ✓Equipment

GFP IUID Policy Issues

- Degree of difficulty to achieve 100% of assets UID'd for
  - Material
  - Spares
  - Equipment
- How should material that would not normally require UID be tracked?
- How much movement constitutes the need for location update while in the custody of a contractor?

GFP UII Registry

- 100% GFP UIIs Assigned for Asset Accountability & Valuation
- Track GFP UIIs in Contractor Custody
- GFP Marked with UII by Issuing Source



GOCO – Government-Owned Contractor-Operated

GFP Valuation

- The valuation of an item will be associated with its UID, however the government will maintain the official record of acquisition value. This change will be reflected in DFAR Part 245

Implementation Issues

- Validate GFP UII Pedigree Data Elements
  - ✓**Custodian CAGE**
  - ✓**GFP Item UII**
  - ✓**Date Issued**
  - ✓**Date Received**
  - ✓**Requiring Contract Number**
  - ✓**Parent/Child Relationships**
- Property Accountability at Data Level
- Business Rules for GFP UII Registry
  - ✓Data Capture
  - ✓Interface with Receipt & Acceptance
  - ✓Assignment of Virtual UIIs
  - ✓Retirement of UIIs for GFP Disposals
  - ✓Access Protocols
- Publish DFARS GFP IUID Rule

Registry Update
(Bruce Propert)

UID Registry Status

- **Implementation Timeline**
  - ✓ Concept definition – Oct 03
  - ✓ Development and Test – Nov 03 – May 04
  - ✓ Production – May 04
  - ✓ Move from DLIS domain to bpn.gov domain Sept 04
- **Functionality**
  - ✓ Pedigree data capture for End Items
  - ✓ Source data from vendors
    - WAWF Shipment Notification
    - Direct electronic
    - Web manual submission
  - ✓ Current population
    - 126 UID records
    - 18 contracts
    - 17 unique CAGE codes

UID Registry Status (cont.)

- **Recent enhancements throughout UID submission flow**
  - ✓ Foreign currency indicator for unit cost
  - ✓ LD as IAC for DoDAAC
- **Future enhancements January 05**
  - ✓ Capability to capture embedded items (e.g., subassembly)
  - ✓ Capability to identify Government Furnished Property
  - ✓ Capability to capture type of mark
    - Virtual
    - Other unique marks
    - Sets environment for legacy item data capture
  - ✓ Government authorization and access to registry
- **Future enhancements – beyond January 05**
  - ✓ Reports
  - ✓ Location tracking
  - ✓ Alias association
  - ✓ Event status indicator
  - ✓ Electronic query (system to system interaction)

Retiring GFP
(Lydia Dawson)

Retiring GFP and Integration with UID Regis

- **To explore the DCMA systems for tracking the retirement of personal property [what data elements are needed in the property systems, what data elements are needed from the property systems to update the registry]**

- **Lost, Damaged or Destroyed (LDD)**
  - ✓Part of eTools
  - ✓Tracks items that are GFP and CAP
  - ✓Tracks items that are no longer usable or currently unable to locate
  - ✓Tracks items by the case number
  - ✓No interface with other systems

- **Plant Clearance Automated Reutilization Screening System (PCARSS)**
  - ✓Being rebuilt as part of eTools [12 – 18 months]
  - ✓Tracks items that are GFP or CAP
  - ✓Currently contains most UID fields
  - ✓Tracks the disposition of items at the contractor's facility [when closed]
  - ✓Based on inventory schedule that the contractor provides to the government
  - ✓Two-Digit disposition code [not consistent with GSA]
  - ✓Approximately 20 unique sales codes

Next Steps

- **Need to define the development and testing timeframe to incorporate UID data into LDD and PCARSS**

- **Data submission to UID registry**
  - ✓ Define the transmission file format and method
  - ✓ Are current data elements sufficient for UID registry electronic data entry

- **Trigger to be case closed date**

- **UID registry currently only wants GFP items**
  - ✓ New FAR Rules – CAP reverts to GFP when transferred from contract to contract (DD250)

- **Need to explore the Defense Reutilization and Marketing Service (DRMS), Defense Automated Information System (DAISY)**
  - ✓ Military Equipment not in contractor facilities

Data Capture Working Group

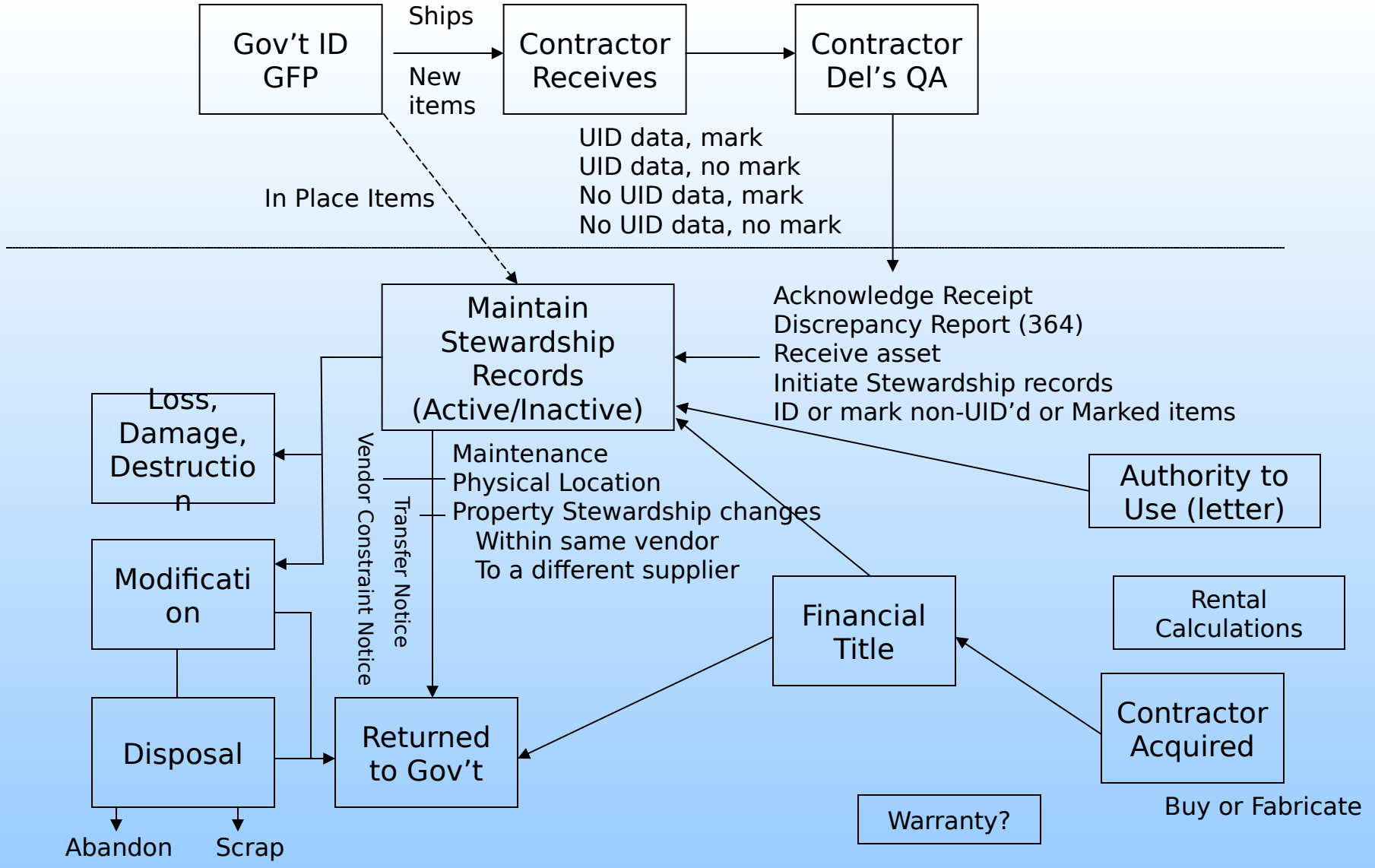
- Goals
  - Define strategy to migrate to paperless GFP
  - Explore expanded registry access requirements
  - Define requirements for on-line GFP
    - Confirm data structure
- Outcomes
  - Develop migration strategy
  - Identify Trigger Points for reporting
    - CAP > GFP
    - Incoming
    - Inventory
  - Identify additional registry access requirements

GFP Working Group

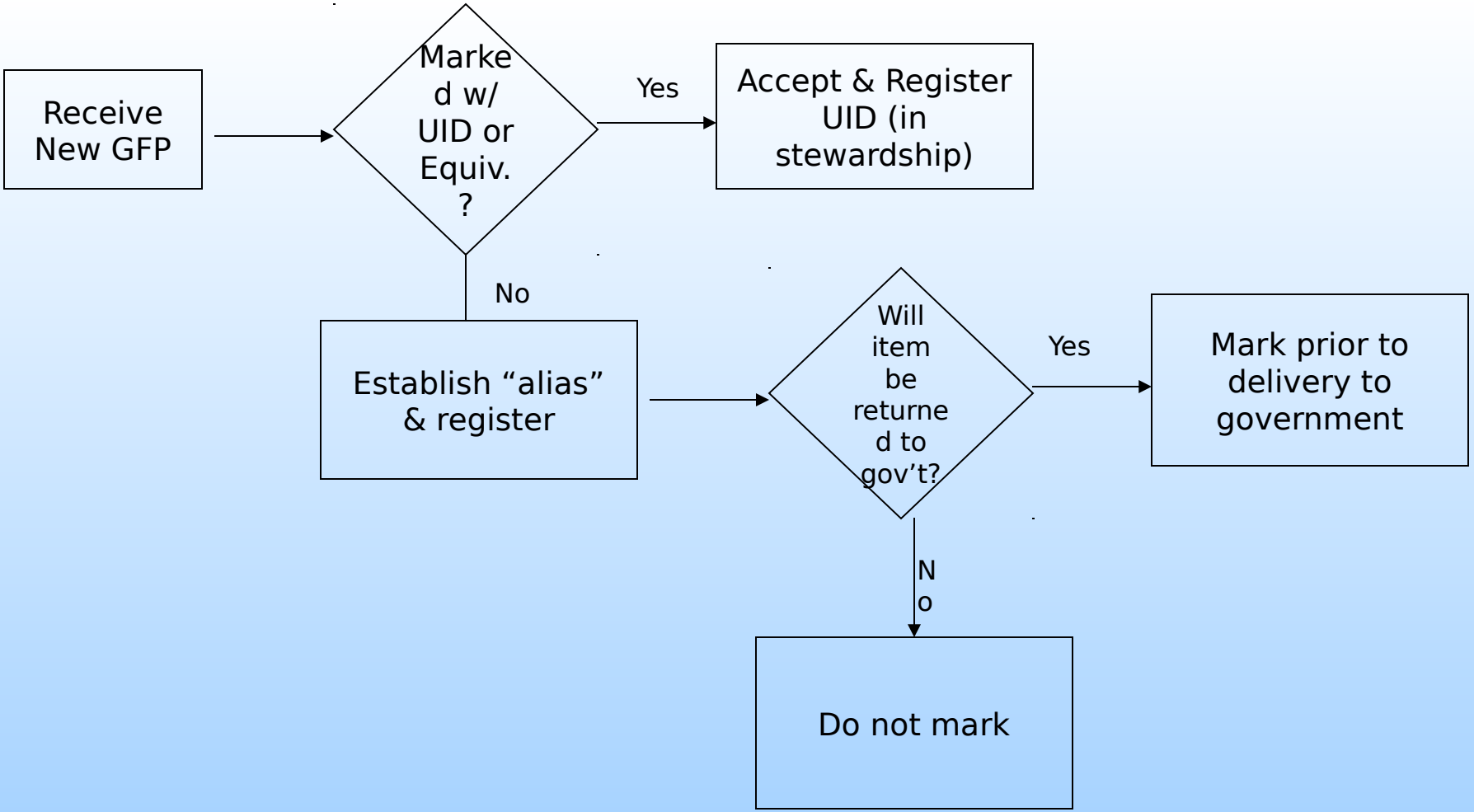
- Goals
  - Discuss GFP workflow/decision tree, including Virtual UIDs
  - Discuss list of data elements required to manage GFP
  - Discuss roles and responsibilities associated with data elements
  - Discuss VLINs
- Outcomes
  - Refine issue areas
  - Refine data elements
  - Identify Trigger Points for reporting/management
    - CAP > GFP
    - Incoming
    - Inventory
  - Identify additional industry requirements/issues

UID Discussion Items

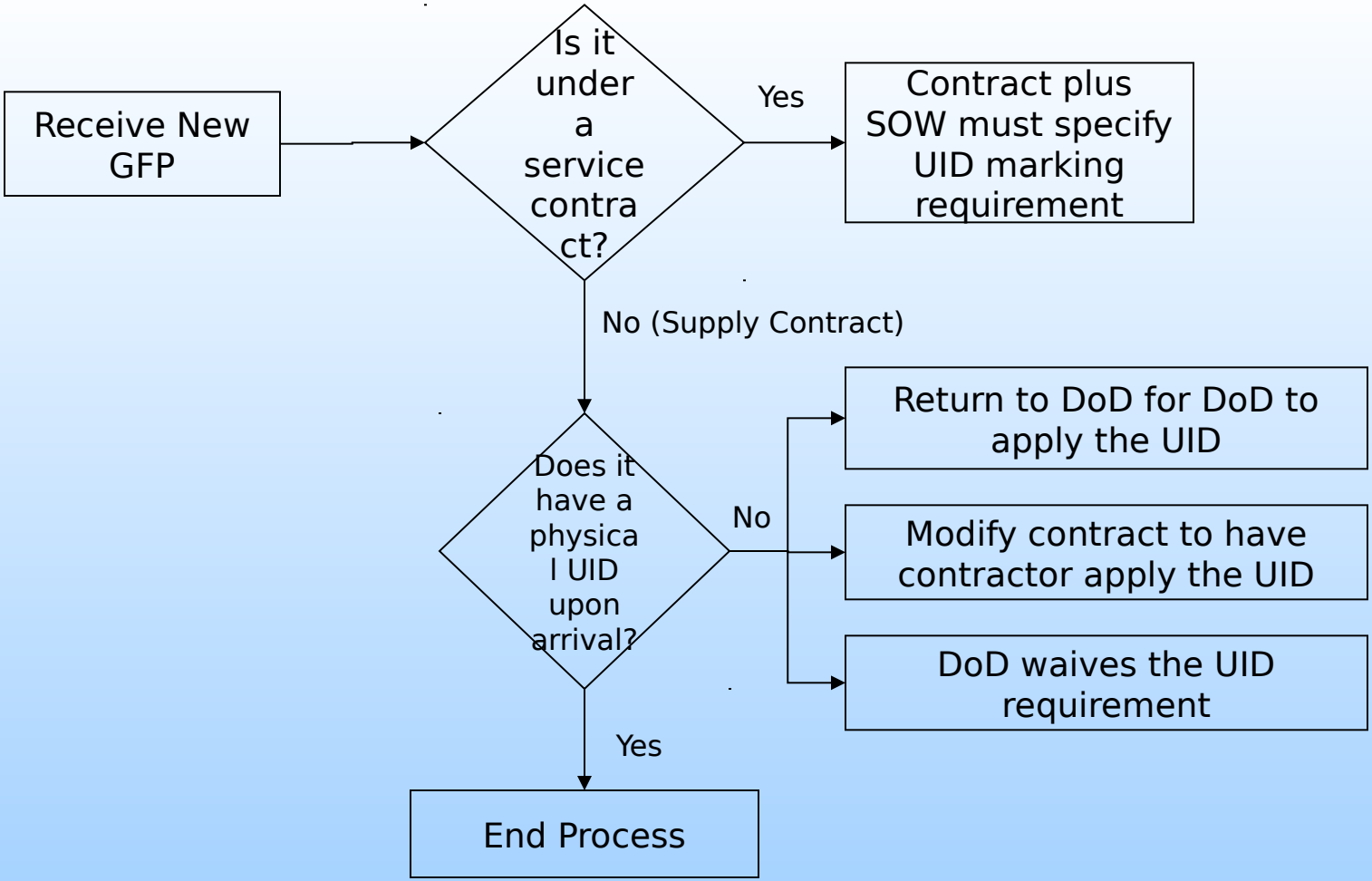
New GFP Equipment Flow



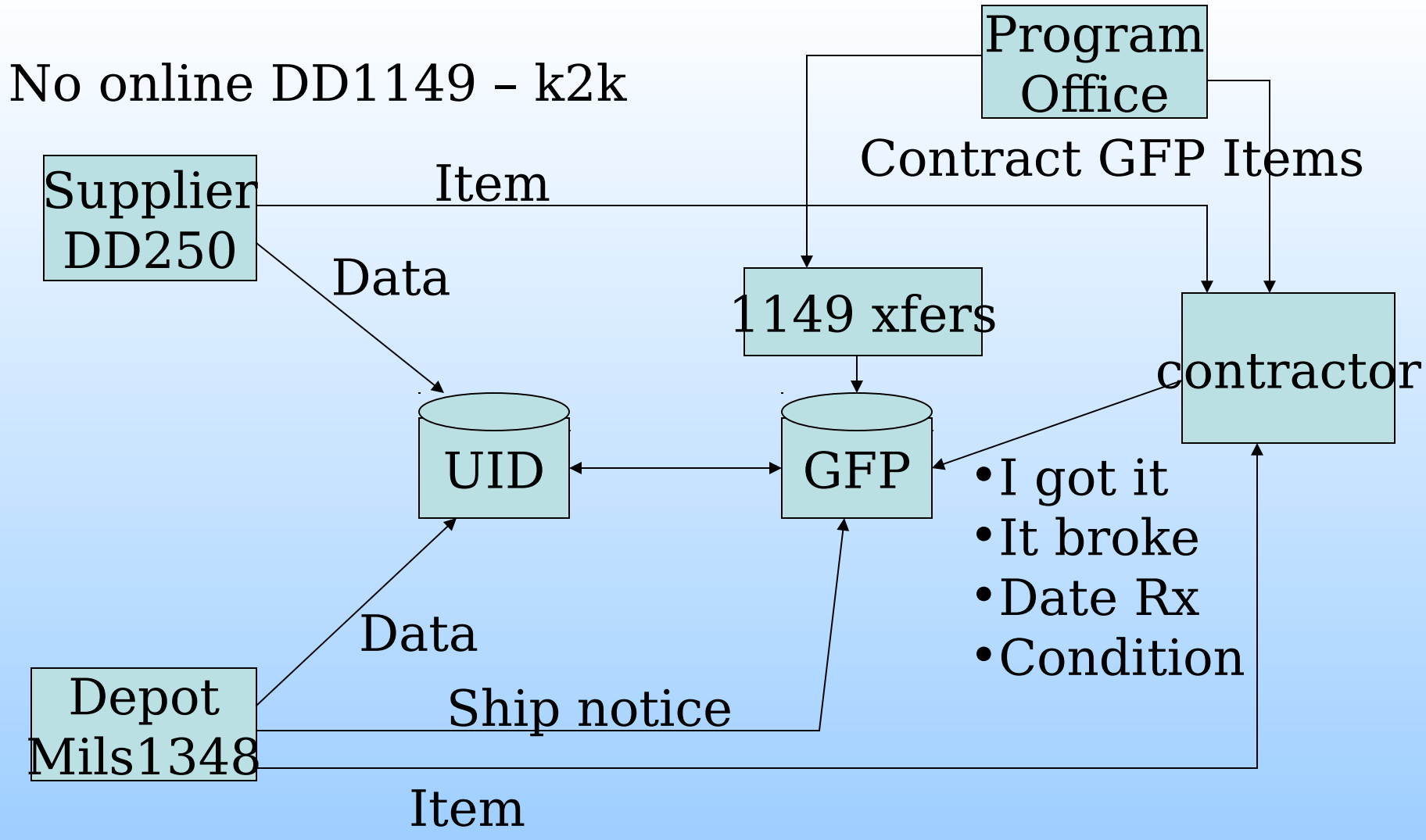
New GFP Equipment Flow



New GFP Contract Flow



On-line GFP


No online DD1149 – k2k
Program Office
Contract GFP Items
Supplier DD250
Item
Data
1149 xfers
contractor
UID
GFP
•I got it
•It broke
•Date Rx
•Condition
Data
Depot Mils1348
Ship notice
Item

New GFP Equipment Flow

- 100% GFP UIDed for Asset Accountability & Valuation
- Track UID Items in Contractor Custody
- GFP Marked with UID by Issuing Source

GFP Items

- By Company
- By Program

Industry Inputs

Property Accountability Systems

GFP Registry of Virtual UIDs

- Custodian CAGE
- GFP Item UID
- Date Issued
- Date Received
- Requiring Contract Number
- Parent/Child Relationship

UID Registry

(GFP UIDs Flagged)

Maintenance Systems

Government Inputs

Contractor GFP Master Plans

GFP in Storage

- Assign Virtual UID
- Mark with UID when Placed in Use

GFP in Use

- Assign Virtual UID
- Mark with UID when Item Possession is transferred

GFP in GOCO

- As specified in Operating Contract

GOCO – Government-Owned Contractor-Operated

GFP IUID Business Rules

✓32. Tangible personal property items owned by the Government in the possession of a contractor will use the asset identification number used to track the item as the item's serial number within enterprise identifier.

✓33. Tangible personal property items owned by the Government in the possession of a contractor will use the enterprise identifier of the enterprise maintaining the serial number of the item.

✓34. A UII should be created for tangible personal property items owned by the Government in the possession of a contractor by using IUID Construct #1.

✓35. For items that do not require a IUID:

- If the item is delivered with a commercial item mark, it is acceptable to the Government.
- If an item is delivered without a commercial item mark, the contractor is not required to obtain one.

✓36. A UII is not required to be physically marked on tangible personal property items owned by the Government in the possession of a contractor unless the item is moved or delivered to a different location with a different enterprise identifier.

✓37. Tangible personal property initially furnished to the contractor by the Government will use the UII provided by the Government. If none is provided, establish a UII using the criteria in Rules 32-34.

✓38. Tangible personal property will also require markings or labels